

What is claimed is:

1. A method for separating rolls (2) of a roll set (1) traveling on a conveyor (3) from each other, the conveyor (3) comprising a conveyor belt or chain (12) adapted to run
5 about driving and tail pulleys (7), and in which method the roll set (1) is transported on a top surface of said conveyor belt or chain (12), **characterized** in that onto the top surface of the conveyor belt or chain (12) is formed an elevation capable of separating the rolls (2) apart from each other with the help of an elevating roll assembly (5) adapted to operate below the top surface of the conveyor belt or chain
10 (12) and comprising at least one rotary elevating roll (6).
2. The method of claim 1, **characterized** in that the elevation height between the top surface of the base level (14) of the conveyor belt or chain (12) and the top level of the elevation is adjusted during the operation of conveyor (3).
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3. The method of claim 1 or 2, **characterized** in that in the system is used a polygonal or elliptic elevating roll (6) or the elevating roll (6) is adapted to rotate eccentrically.
- 20 4. A conveyor (3) for transporting a roll set (1), the conveyor (3) comprising a conveyor belt or chain (12) that is adapted to run about driving and tail pulleys (7), the roll set (1) being adaptable on the top surface of the conveyor, **characterized** by an elevating roll assembly (5) adapted to operate below the top surface of the conveyor belt or chain (12) so as to form on the top surface of the conveyor belt or
25 chain (12) an elevation capable of separating the rolls (2) of the roll set (1) apart from each other, the elevating roll assembly (5) comprising at least one rotatably mounted elevating roll (6).
5. The conveyor of claim 4, **characterized** in that the elevating roll assembly (5)
30 comprises two elevating rolls (6) adapted to operate in succession along the travel direction (10) of the conveyor (3).

6. The conveyor of claim 4 or 5, **characterized** in that the elevating roll (6) is polygonal or elliptic or, alternatively, is adapted to rotate eccentrically.
- 5 7. The conveyor of any one of foregoing claims, **characterized** in that the height difference between the top surface base level (14) of the conveyor belt or chain (12) and the top level of the conveyor elevation is 2 to 6 mm.
- 10 8. The conveyor of any one of foregoing claims, **characterized** by means for adjusting the elevation height between the base level (14) of the top surface of the conveyor belt or chain (12) and top level of the conveyor elevation during the operation of conveyor (12).
- 15 9. The conveyor of claim ?, **characterized** in that the elevating roll (6) comprises two wheels (15) that are adapted to both sides about the longitudinal center line of the conveyor belt or chain (12) and are supported in bearings on a spacer member 16 mounted on the conveyor frame.
- 20 10. The conveyor of claim 5, **characterized** in that the length (d_2) of the elevation formed by the elevating roll assembly (5) is 150 to 250 mm.